

# BOLIVIA



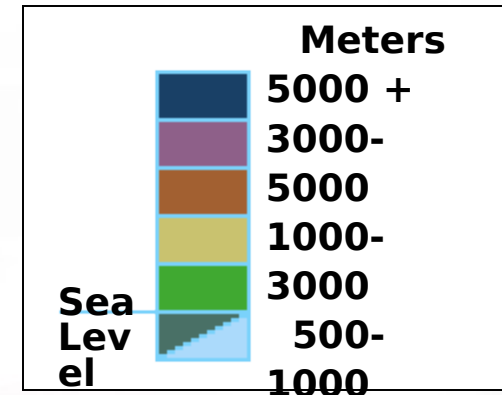
- High altitude illness
  - Local remedies sold in groceries include illicit coca products
- Developing economy
  - One of poorest and least developed South American countries



# Bolivia: Environmental Issues

- Topography
- Climate

**Varies with altitude; humid and tropical to cold and semiarid**



**Rugged Andes Mountains with a highland plateau (Altiplano), hills, lowland plains of the Amazon Basin**

**lowest point: Rio Paraguay 90 m**  
**highest point: Nevado**

# **Bolivia: Environmental Issues**

- Industries
  - Metallic ore mining
- Water
  - Unreliable water and waste water treatment
  - Heavy metal contamination associated with mining

# **Bolivia: Environmental Issues**

- Food
  - No specific information
- Air
  - Tin and antimony smelters
- Soil
  - Localized contamination near industry and waste disposal sites

# **Bolivia: Environmental Issues**

- Greatest short-term environmental health risks
  - Water contaminated with raw sewage or runoff
- Greatest long-term environmental health risks
  - Chronic ingestion of arsenic and mercury in contaminated water



# **Bolivia: Diseases of Operational Importance**

- High risk country
- Diseases of greatest risk
  - Food and water-borne: bacterial diarrhea, hepatitis A
  - Vector-borne: malaria

# **Bolivia: Diseases of Operational Importance**

- Diseases of potential risk
  - Food and water-borne: cholera, protozoal diarrhea, hepatitis E, typhoid/paratyphoid fever
  - Vector-borne: Chagas disease, dengue fever, leishmaniasis, mansonellosis, Mayaro virus, plague, yellow fever
  - Sexually transmitted: gonorrhea/chlamydia, hepatitis B, HIV/AIDS
  - Water contact: leptospirosis
  - Soil contact: Bolivian hemorrhagic fever, hantavirus pulmonary syndrome
  - Respiratory diseases: tuberculosis
  - Animal contact: rabies